Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work : Additional works of Multipurpose Buildiing at Abbigere in ward no 12, Shettyhalli sub division

EMB

1st And Part Bill Qty

Sl No	Description of Items	No	L	B	D	Qty	
1	Earthwork in surface excavation in **ordinary soil** for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification.						
	for levelling	1	22.00	15.00	0.60	198.00	
		1	11.00	15.20	0.45	75.24	
						273.24	
				Qty Limited		**270.00**	Cum

Asst Engineer
Ward No-12
25/01/2020

Asst Executive Engineer
Shetty hally Sub Division
25/01/2020

2	**Earth work excavation for foundation of building** water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of colds complete as per specifications.						
	compound wall	1	30.00	1.20	1.10	39.60	
		1	4.30	1.20	1.00	5.16	
		1	8.40	1.20	1.00	10.08	
		1	16.50	1.20	1.00	19.80	
		1	19.80	1.20	1.00	23.76	
						98.40	
				Qty Limited		**96.00**	Cum

Asst Engineer
Ward No-12
20/01/2020

Asst Executive Engineer
Shetty hally Sub Division
27/01/2020

3	Providing and laying in position plain **cement concrete of mix 1:3:6 with OPC** cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No.					
	compound wall	1	30.00	1.20	0.15	5.40
		1	4.30	1.20	0.15	0.77
		1	8.40	1.20	0.15	1.51

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22/01/2020

		1	16.50	1.20	0.15	2.97	
		1	19.80	1.20	0.17	4.04	
						14.70	
				Qty Limited		**14.40**	Cum

Asst Engineer
Ward No-12
22/01/2020

Asst Executive Engineer
Shetty hally Sub Division
27/01/2022

4	Providing and constructing **granite /trap/ baslat size stone masonry in foundation** with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications						
		1	30.00	0.90	0.75	20.25	
		1	4.30	0.90	0.75	2.90	
		1	8.40	0.90	0.75	5.67	
		1	16.50	0.90	0.75	11.14	
		1	19.80	0.90	0.75	13.37	
						53.33	
				Qty Limited		**48.60**	Cum

Asst Engineer
Ward No-12
27/01/2020

Asst Executive Engineer
Shetty hally Sub Division
27/01/2020

5	Providing and constructing **granite /trap/ baslat size stone masonry in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications						
	compound wall	1	30.00	0.75	0.60	13.50	
		1	4.30	0.75	0.60	1.94	
		1	16.50	0.75	0.60	7.43	
		1	19.80	0.75	0.60	8.91	
		1	1.50	0.75	0.60	0.68	
						32.45	
				Qty Limited		**32.00**	Cum

Asst Engineer
Ward No-12
22/01/2020

Asst Executive Engineer
Shetty hally Sub Division
27/01/2020

6	**Providing ruled pointing to coursed stone masonry** with cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, labour, curing complete as per specifications						
		2	30.00		0.60	36.00	
		2	14.30		0.60	17.16	
		2	16.50		0.60	19.80	

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Asst Engineer
Ward No-12
22/01/2020

		2	19.80		0.60	23.76	
		2	27.00		0.60	32.40	
						129.12	
				Qty Limited		**128.00**	**Cum**

Asst Engineer
Ward No-12
22/01/2020

Asst Executive Engineer
Shetty hally Sub Division
21/01/2020

7	Providing and laying in position **plain cement concrete of nominal mix 1:2:4** using 20mm and down size graded granite metal machine mixed concrete liad in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery, curing complete as per specifications						
		1	30.00	0.60	0.15	4.50	
		1	14.30	0.60	0.15	2.15	
		1	16.50	0.60	0.15	2.48	
		1	19.80	0.60	0.15	2.97	
						12.09	
				Qty Limited		**8.73**	**Cum**

Asst Engineer
Ward No-12
27/01/2020

Asst Executive Engineer
Shetty hally Sub Division
27/01/2020

8	**Filling avaialble excavated earth** (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification					
			Qty as per It 2		**96.00**	**Cum**

Asst Engineer
Ward No-12
27/01/2020

Asst Executive Engineer
Shetty hally Sub Division
27/01/2020

9	**Providing and laying in position reinforced cement concrete of design mix M20 with** OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for **all works in ground floor level for roof slabs, staircase, lintles, and beams** retaining walls, return walls, walls (any thickness) including attached plasters, **columns,** pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification					
	Column	7	0.23	0.60	3.00	2.90
	Column	9	0.30	0.60	3.00	4.86
	Beams	4	17.35	0.30	0.45	9.37
	Beams	4	11.30	0.23	0.30	3.12
	Beams	2	3.60	0.23	0.30	0.50

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27/01/2020

	Beams	1	8.20	0.23	0.30	0.57	
	Beams	1	5.50	0.23	0.30	0.38	
	RCC roof	1	17.35	16.10	0.15	41.90	
	Stair landing	1	2.00	1.20	0.15	0.36	
	Waste slab	2	2.80	1.20	0.15	1.01	
	steps	22	1.20	0.30	0.15	1.19	
	front verandah slab	2	4.00	3.00	0.15	3.60	
	Balcony	1	11.20	1.30	0.15	2.18	
	Balcony	1	6.25	1.30	0.15	1.22	
						73.15	
				Qty Limited		67.01	Cum

Asst Engineer
Ward No-12
22/01/2020

Asst Executive Engineer
Shetty hally Sub Division
27/01/2020

10	**Providing and fabricating TMT . Steel (cold, Twisted) reinforcement for R.C.C.** work including straightening, cutting, bending, hooking,placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design(laps and wasteage shall not measured and paid) cost of materials. labour. HOM of machinery complete as per specifications						
	Column						
	column 6/25mm (3.85kg/m)	6x9	3.75	3.85		909.56	
	column 8/20mm (2.47kg/m)	8x9	3.75	2.47		666.90	
	columns 6/20mm (2.47kg/m)	6x7	3.75	2.46		387.45	
	columns 6/16mm (1.57kg/m)	6x7	3.75	1.57		247.28	
	Straicase colomn 4/20mm(2.47kg/m)	4x2	3.75	2.46		73.80	
	Straicase colomn 4/16mm(1.57kg/m)	4x2	3.75	1.57		47.10	
	8mm Strps for Column	66x9	1.35	0.39		312.74	
	8mm Strps for Column	33x9	1.10	0.39		254.83	
	8mm Strps for Column	66x7	1.25	0.39		225.23	
	8mm Strps for Column	33x7	0.95	0.39		85.59	
	8mm Strps for Column	32x4	1.45	0.39		72.38	
	8mm Strps Straicase colomn	33x2	1.15	0.39		28.70	
	Roof Beam						
	Roof beam 6/25mm	6x4	17.35	3.85		1603.14	
	Roof beam 2/20mm	2x4	17.35	2.46		341.45	
	8mm Strps	4x116	1.40	0.39		253.34	
	Extra bar 20mm (2.46kg/mt)	4x8	3.00	2.46		236.16	
	Extra bar 20mm (2.46kg/mt)	4x8	3.20	2.46		251.90	
	Roof beam 4/25mm	4x4	11.70	3.85		720.72	
	Roof beam 2/20mm	2x4	11.70	2.46		230.26	
	8mm Strps	4x96	0.90	0.39		134.78	
	Extra bar 20mm (2.46kg/mt)	4x8	3.00	2.46		236.16	
	Extra bar 20mm (2.46kg/mt)	4x8	3.20	2.46		251.90	
	Straicase beam 6/20mm	6x2	2.50	2.46		196.80	
	8mm Strps	2x16	0.90	0.39		11.23	

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22/01/2020

	Straicase beam 6/20mm	6X1	4.50	2.46		66.42	
	8mm Strps	1x30	0.90	0.39		10.53	
	Straicase beam 6/20mm	6X1	5.20	2.46		76.75	
	8mm Strps	35.00	0.90	0.39		12.29	
	Beam	2x6	1.00	2.46		29.52	
	8mm Strps	6x2	1.45	0.39		6.79	
	Roof						
	Roof main rod 10mm (0.62kg/m)	118	17.35	0.62		1269.33	
	Top erxtra bar 10mm (0.62kg/m)	92	1.50	0.62		85.56	
	Roof main rod 10mm (0.62kg/m)	175	11.35	0.62		1231.48	
	Top erxtra bar 10mm (0.62kg/m)	92	1.45	0.62		82.71	
	Chairs	75	0.60	0.62		27.90	
						10678.67	
				Qty Limited		**8.38**	**Ton**

20/02/2020
Asst Engineer
Ward No-12

20/02/2020
Asst Executive Engineer
Shetty hally Sub Division

11	**Providing and removing centering shuttering** strutting propping etc., and removal of form work for **columns,** pillars, abutments, post and struts square/ rectangular/ polygon in plan including cost of all materials labour complete as per specification						
	Column	9	1.80		3.30	53.46	
		7	1.66		3.30	38.35	
						91.81	
				Qty Limited		91.56	Sqm

20/2/2020
Asst Engineer
Ward No-12

20/02/2020
Asst Executive Engineer
Shetty hally Sub Division

12	**Providing and removing centering shuttering** strutting propping etc., and removal of form work for sides and soffits of **beams beam houchings** cantilever girders bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specification						
	Beams	4x1	17.35		1.20	83.28	
		4x1	11.30		0.83	37.52	
		4x1	13.30		0.60	31.92	
		4x1	11.30		0.60	27.12	
						179.84	
				Qty Limited		177.30	Sqm

20/2/2020
Asst Engineer
Ward No-12

20/02/2020
Asst Executive Engineer
Shetty hally Sub Division

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13	**Providing and removing centering, shuttering**, strutting propping etc., and removal of form work for **stairs** (excluding landing) except spiral staircase including cost of all materials labour complete as per specification						
	Stair case	2	2.70	1.50		8.10	
		1	2.20	1.50		3.30	
		22	1.20	0.15		3.96	
						15.36	Sqm

Asst Engineer
Ward No-12
20/2/2020

Asst Executive Engineer
Shetty hally Sub Division
20/02/2020

14	**Providing and removing centering, shuttering**, strutting, propping etc., and removal of form work for flat surface such as suspended floors, **roofs,**landing, balconies and likes thickness upto 200mm including cost of materials, labour complete as per specification						
	For RCC roof	1	17.35	11.30		196.06	
	Balcony roof	1	8.00	1.20		9.60	
	verandah	1	6.10	3.10		18.91	
	tank	1	3.80	4.50		17.10	
	Side	2	17.35	0.20		6.94	
	Side	2	11.30	0.20		4.52	
	Side					**252.93**	Sqm

Asst Engineer
Ward No-12
20/2/2020

Asst Executive Engineer
Shetty hally Sub Division
20/02/2020

15	Providing and constructing **pre cast concrete solid blocks** with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure						
	Wall	2	17.35		2.80	97.16	
	Wall	3	11.30		2.80	94.92	
	Wall	1	8.50		2.80	23.80	
	Wall	1	5.90		3.00	17.70	
	Wall	1	2.40		2.80	6.72	
	Wall	1	2.00		2.80	5.60	
	Wall	2	3.00		2.80	16.80	
	Wall	2	17.35		1.00	34.70	
	Parapet	2	11.30		1.00	22.60	
	Parapet	3	3.50		2.20	23.10	
	Head Room	2	4.70		2.20	20.68	
	Head Room	2	3.50		1.10	7.70	
	tank room	1	2.50		1.10	2.75	
	Deduction for openings						

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03/3/2020

	MD	-1	1.50		2.40	-3.60	
	D1	-1	1.20		2.40	-2.88	
	D2	-2	0.75		2.10	-3.15	
	Window W	-10	1.80		1.35	-24.30	
	V	-2	0.90		0.60	-1.08	
						338.99	Sqm

Asst Engineer
Ward No-12
03/03/2020

Asst Executive Engineer
Shetty hally Sub Division
03/03/2020

16	**Providing and constructing pre cast concrete solid blocks** with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x10x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure						
	Toilets	1	3.00		3.20	9.60	
		3	2.00		3.20	19.20	
						28.80	Sqm

Asst Engineer
Ward No-12
03/3/2020

Asst Executive Engineer
Shetty hally Sub Division
03/03/2020

17	**Providing Honne wood frames of doors, windows**, clerestory windows, ventilators and other frames wrought, framed of assembled including making plaster grooves (excluding cost of materials, labour, HOM of machineries complete as per specifications						
	Door D	4	3.00	0.125	0.125	0.188	
		3	3.30	0.125	0.125	0.155	
						0.270	Cum

Asst Engineer
Ward No-12
03/03/2020

Asst Executive Engineer
Shetty hally Sub Division
03/03/2020

18	**Providing and fixing in position fully panelled Honne wood shutters for doors**, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour,HOM of machineries completed as per specification (excluding cost of fixtures)						
	Door D	2	0.80		2.35	3.76	
	Door D	2	0.45		2.35	2.12	
						5.88	**Sqm**

03/03/2020

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03/03/2020

Asst Engineer
Ward No-12

Asst Executive Engineer
Shetty hally Sub Division

19	**Providing and fixing in position shutters for doors made out of Honne wood styles** and rails of 35mm. Thick with bottom and lock rail 180mm wide top rail and styles 100mm wide as per drawings and panels of 18mm thick is exteriors grade melamine impregnated prelaminations particle board colour on one sides Including cost of materials, labour, HOM of machineries complete as per specifications.(excluding cost of fixtures)						
	Door D2	2	0.85		2.05	3.49	
						3.49	Sqm

Asst Engineer
Ward No-12
03/03/2020

Asst Executive Engineer
Shetty hally Sub Division
03/03/2020

20	**Providing and fixing M.S. grill work for windows and ventilator** weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications						
	Window W3	9	1.50		1.95	26.33	
		1	1.80		1.95	3.51	
						29.84	
	Consider 21 kg per one sqm		21	x	29.84	**626.54**	
				Qty Limited		**529.20**	Kg

Asst Engineer
Ward No-12
13/3/2020

Asst Executive Engineer
Shetty hally Sub Division
03/03/2020

21	**Providing and fixing in position anodized alluminium windows and ventilators** as per approved drawings with sliding shutters using double track window frame section of size 122.2x31.75mm with 1.2mm thick, bottom section weight of 0.695 kg per m, sides and top section of 1.3mm thick weight of 0.659 kg per m and shutter comprising top and bottom section of size 40mmx18mm , 1.25mm thick of 0.417 kg per m shutter outer side 40mmx18mm, 1.25mm thick weight of 0.417 kg per m, shutter interlock section 40mmx 26.7mm , 1.1mm thick, wieght of 0.469 kg per m the shutter mounted on nylon roller with approved quality of fixture such as alluminium tower bolts etc., and providing and fixing 5.5mm thick plain glass of shutter fitted with rubber beading alluminium section anodized 12 to 15 microns including cutting to required length, joints mitred sub dividing the frame tenonned revited in the assembled frame stiffened with end clips at corners angles etc., and fixed to walls, lintles, floor beams or cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, alluminium section pre treated for removal of any rust and coated with greesy or non adhesion of motor and other sticky materials (this coating should be cleaned after installation) including cost of all materials , fixtures labour and HOM at machinary complete as per specificaions						
	Window W	9	1.50		1.95	26.33	
	V	1	1.80		1.95	3.51	
						29.84	
				Qty Limited		**25.20**	Sqm

13/03/2020

13/03/2020

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Asst Engineer
Ward No-12

Asst Executive Engineer
Shetty hally Sub Division

22	**Providing 18mm thick cement plaster in single coat with cement mortar 1:3,** to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications						
	In side plastering						
	Wall	2	17.35		3.30	114.51	
	Wall	3	11.30		3.30	111.87	
	Wall	1	8.50		3.30	28.05	
	Wall	1	5.90		3.30	19.47	
	Wall	1	2.40		3.30	7.92	
	Wall	1	2.00		3.30	6.60	
	Wall	2	3.00		3.30	19.80	
	Head Room	3	3.50		2.20	23.10	
	Head Room	2	4.70		2.20	20.68	
	tank room	2	3.50		1.10	7.70	
		1	2.50		1.10	2.75	
	Toilet	4	1.50		2.10	12.60	
		2	1.40		2.10	5.88	
	In side plastering					380.93	
	Deductions Door D	-9	1.50		1.95	-26.33	
	Door D1	-1	1.80		1.95	-3.51	
						351.10	
				Qty Limited		**348.27**	Sqm

Asst Engineer
Ward No-12
13/3/2020

Asst Executive Engineer
Shetty hally Sub Division
13/03/2020

23	**Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling** incluidng rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labour curing complete as per specification						
	Roof	1	17.00	11.60		197.20	
						197.20	
				Qty Limited		196.30	Sqm

Asst Engineer
Ward No-12
13/3/2020

Asst Executive Engineer
Shetty hally Sub Division
13/03/2020

24	**Providing lime rendering for plastering** to wall and ceiling, including cost of materials, labour, curing complete as per specifications						
				qty as per item No22and 23		~~544.57~~	

348.27 + 197.20 = 545.47

13/3/2020

Restricted to BOQ. 545.47
545.47.
544.57

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						544.57	Sqm

Asst Engineer
Ward No-12

13/03/2020
Asst Executive Engineer
Shetty hally Sub Division

25	**Providing 20mm thick cement plaster in single coat** with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications						
	OutSide	2	17.40		4.40	153.12	
		2	11.75		4.40	103.40	
	Parapet inside	2	17.00		1.20	40.80	
		2	10.90		1.20	26.16	
						323.48	
	Deductions Door D	-1	3.00		2.40	-7.20	
	Windows	-9	1.80		1.95	-31.59	
						-38.79	
						362.27	
				Qty Limited		**309.51**	Sqm

Asst Engineer
Ward No-12
13/3/2020

13/03/2020
Asst Executive Engineer
Shetty hally Sub Division

28	Providing and fixing on wall surface 4.0kg?Sq.cm **H.D.P.E. rain down water pipes 90mm outer dia approved** make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specification						
		6	8.00			48.00	
						48.00	**Rmt**

Asst Engineer
Ward No-12
13/3/2020

13/03/2020
Asst Executive Engineer
Shetty hally Sub Division

30	Providing and fixing white vitreous china clay flat back **wash basin size 630x450mm with a** single of 15mm C.P. brass pillar taps with C.I. /M.S. brackets 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications						
	wash basin	2				2	
						2.00	**Nos**

Asst Engineer
Ward No-12
13/3/2020

17/03/2020.
Asst Executive Engineer
Shetty hally Sub Division

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	Providing and fixing colour glazed tiles of size 300mmx450mm for walls with borders of size 300x100mm, set in Cement Mortar 1:3 and pointed with white cement with matching colour pigment with necessary curing, cleaning including providing and removing scaffolding wherever necessary etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for equipment, etc., complete as per specification.						
	For Wall cladding	8	1.50		2.25	27.00	
		4	1.80		2.20	15.84	
						42.34	**Sqm**

Asst Engineer
Ward No-12
17/8/2020

Asst Executive Engineer
Shetty hally Sub Division
17/03/2020

5	Providing and fixing **chorinated poly venyl chloride (CPVC) pipes** conforming to IS15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. this includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases & making good the same including testing of joints complete 20mm nominal OD Pipes						
	20mm CPVC pipe	1	19.00			19.00	
	20mm CPVC pipe	1	18.00			18.00	
	20mm CPVC pipe	1	13.00			13.00	
						50.00	**Rmt**

Asst Engineer
Ward No-12
17/3/2020

Asst Executive Engineer
Shetty hally Sub Division
17/03/2020

36	Providing and fixing in position **brass stop cock** of approved quality15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications						
	brass stop cock	8				8	
						8.00	**Nos**

Asst Engineer
Ward No-12
17/3/2020

Asst Executive Engineer
Shetty hally Sub Division
17/03/2020

37	**providing and fixing in position brass gate valve** with C.I. Wheel of approved quality (Screwed end) 20mm nominal bore including cost of all materials labour and HOM of Equipments with all lead complete as per specificatins						
	brass gate valve	4				4	
						4.00	**Nos**

Asst Engineer
17/3/2020

Asst Executive Engineer
17/03/2020
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ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ

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38	**Providing NP/CP waste union conforming to ISI specifications** and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete 32mm dia						
	NP/CP waste union	6				6	
						6.00	**Nos**

Asst Engineer
Ward No-12
17/3/2020

Asst Executive Engineer
Shetty hally Sub Division
17/03/2020

46	Fabricating, providing and erecting in poiston of Hot dip galvanised M S Ornamental security Grill using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom and C I arrows inthe midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providng two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all other incidental charges required for successful completion fo the work as per specification and drawings,						
	MS Grill	1	2.35		2.50	5.88	
						5.88	
	Considering 50 kg/Sqm		**qty= 100*50/sqm**			293.00	

Asst Engineer
Ward No-12
17/3/2020

Asst Executive Engineer
Shetty hally Sub Division
17/03/2020

47	Hire charges of **JCB excavator** for dismantling of existing building						
		2	8.00			**16.00**	**Da**

Asst Engineer
Ward No-12
17/3/2020

Asst Executive Engineer
Shetty hally Sub Division
17/03/2020

48	Hir charges of **Tractor 50 HP** for shifting of dismantled materials						
		4	10.00			**40.00**	**Day**

Asst Engineer
Ward No-12
17/3/2020

Asst Executive Engineer
Shetty hally Sub Division
17/03/2020

contin....

Drilling Equipment (Tractor mounted) **concrete barekers**						
	5	4.00			20.00	Day

Asst Engineer
Ward No-12
17/3/2020

Asst Executive Engineer
Shetty hally Sub Division
14/03/2020

CERTIFICATE

The cetified that the Contractor has Complete work satisfactorily
The cetified that the Contractor clear the debries from work spot
There is no depormentle issue of materials

Asst Engineer
Ward No-12
17/3/2020

Asst Executive Engineer
Shetty hally Sub Division
14/03/2020